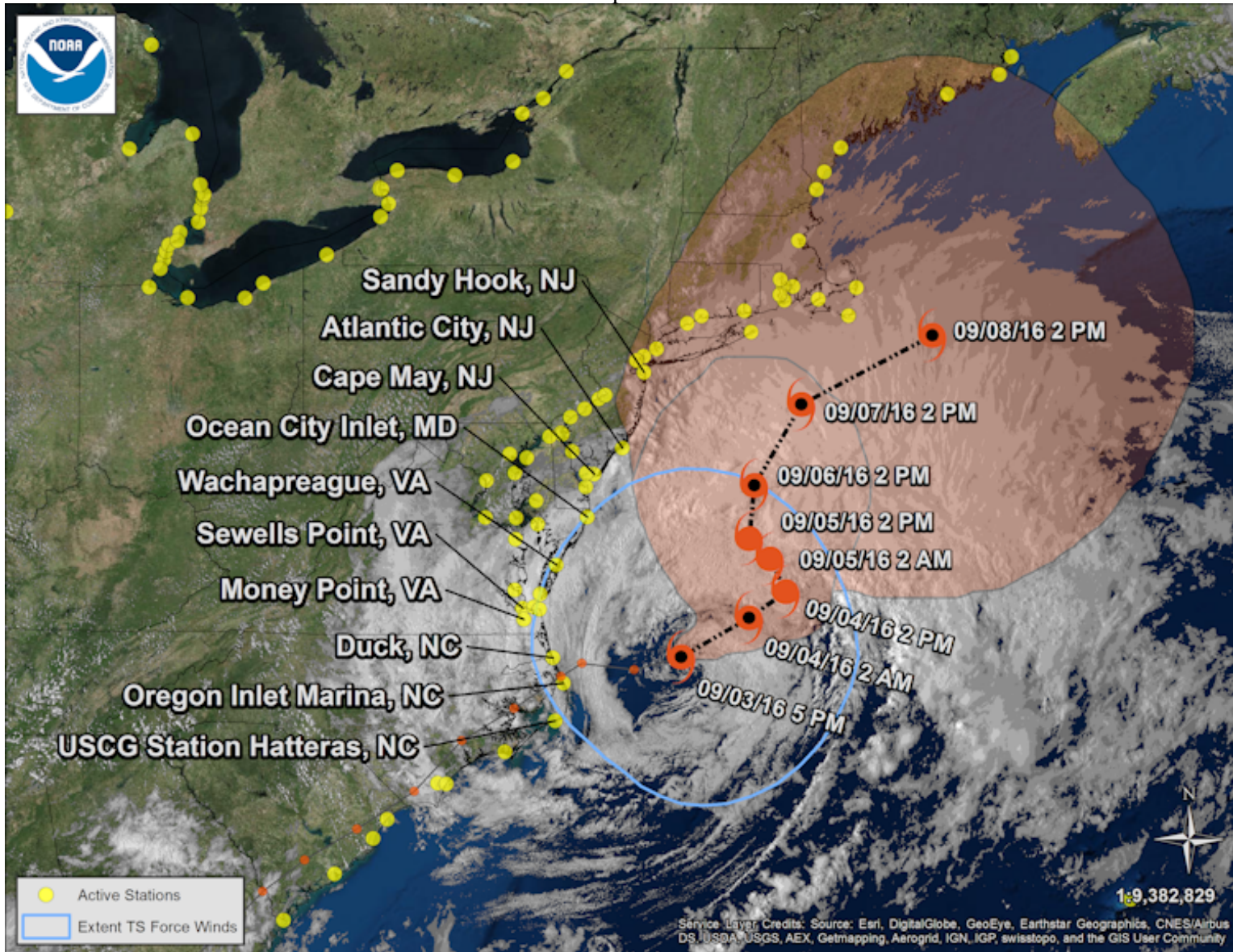




Post-tropical Storm HERMINE QuickLook Posted: 18:00 EDT 09/03/2016

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 9/03/2016 18:00 EDT, water levels along the coasts of North Carolina, Virginia and Maryland continue to be elevated and range from 2-4 feet above normal tide levels. Water levels on the New Jersey coast are beginning to rise, plotting about 0.75-1.5 feet above tidal predictions. Along the east coast from Florida to South Carolina, water levels are returning to normal.

Although wind speeds are beginning to decrease from USCG Station Hatteras to Duck, NC, they remain elevated; ranging from 20 to 35 knots, with slightly higher gusts. Winds from Virginia to New Jersey are around 10-15 knots.

Barometric pressure is rising at stations located in North Carolina, Virginia and Maryland. Barometric pressure is beginning to fall along the New Jersey coast.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: AJC

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

POST-TROPICAL CYCLONE HERMINE ADVISORY NUMBER 26

NWS NATIONAL HURRICANE CENTER MIAMI FL

500 PM EDT SAT SEP 03 2016

...HERMINE EXPECTED TO REMAIN A POWERFUL CYCLONE OFF THE MID-ATLANTIC COAST FOR THE NEXT FEW DAYS...

...DANGEROUS STORM SURGE EXPECTED ALONG THE COAST FROM VIRGINIA TO NEW JERSEY...

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning has been discontinued for the Tidal Potomac from Cobb Island eastward.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

- * Ocracoke Inlet to west of Watch Hill
- * Pamlico and Albemarle Sounds
- * Chesapeake Bay from Drum Point southward
- * Delaware Bay

A Tropical Storm Watch is in effect for...

* Watch Hill to Sagamore Beach

* Block Island

* Martha's Vineyard

* Nantucket

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 500 PM EDT, the center of Post-Tropical Cyclone Hermine was located about 175 MI ESE of Norfolk, VA. Hermine is moving toward the east-northeast near 12 mph. A turn toward the northeast and a decrease in forward speed is expected by Sunday, followed by a slow northward to northwestward motion through Monday. On the forecast track, the center of Hermine will meander slowly offshore of the mid-Atlantic coast for the next couple of days.

Data from an Air Force Reserve Hurricane Hunter aircraft indicate that maximum sustained winds are near 70 mph with higher gusts. Some strengthening is expected, and Hermine is expected to intensify to hurricane force on Sunday.

Hermine has a large wind field. Tropical-storm-force winds extend outward up to 205 miles from the center. NOAA buoy 44014, located about 75 miles east of Virginia Beach, recently reported a sustained wind of 54 mph and a gust of 67 mph. The Norfolk International Airport recently reported a wind gust of 43 mph.

The latest minimum central pressure based on data from the aircraft is 997 mb.

HAZARDS AFFECTING LAND

WIND: Tropical storm conditions will continue to spread northward within the warning area along the Atlantic coast through Monday, and there may be multiple occurrences of tropical storm conditions along portions of the mid-Atlantic coast in the warning area during the next couple of days. Tropical storm conditions are possible in the watch area by Monday.

STORM SURGE: The combination of a storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. Along the immediate coastline, the surge will be accompanied by large and dangerous waves. There is a danger of life-threatening inundation through tonight in the Hampton Roads area, and in the next 36 hours from Chincoteague, Virginia, to Sandy Hook, New Jersey. Persons within these areas should take all necessary actions to protect life and property from rising water. Promptly follow all instructions, including evacuation orders, from local officials. There is also the possibility of life-threatening inundation during the next 48 hours at many coastal locations between Sandy Hook, New Jersey, and Bridgeport, Connecticut.

For a depiction of areas at risk, please see the Prototype Storm Surge Watch/Warning graphic, which displays areas that would qualify for inclusion under a storm surge watch or warning currently under development by the National

Weather Service and planned for operational use in 2017. The Prototype Graphic is available at www.hurricanes.gov/graphics_at4.shtml?wsurge

The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

North Carolina sounds...1 to 3 feet

Hampton Roads area...2 to 4 feet

Chincoteague, VA to Sandy Hook, NJ...3 to 5 feet

Sandy Hook, NJ to Bridgeport, CT...2 to 4 feet

RAINFALL: Hermine is expected to produce total rainfall accumulations of 4 to 7 inches over far southeastern Virginia and the Atlantic coastal portion of Maryland through Monday morning. Hermine is expected to produce total rainfall accumulations of 1 to 4 inches over southern Delaware, southern and eastern New Jersey, and Long Island through Monday morning.

SURF: Large waves generated by Hermine will affect the U.S. east coast from the mid-Atlantic states and expand northward along the coast of southern New England through Monday. These waves are likely to cause life-threatening surf and rip current conditions, and significant beach erosion. Please consult products from your local weather office.

NEXT ADVISORY

Next intermediate advisory at 800 PM EDT.

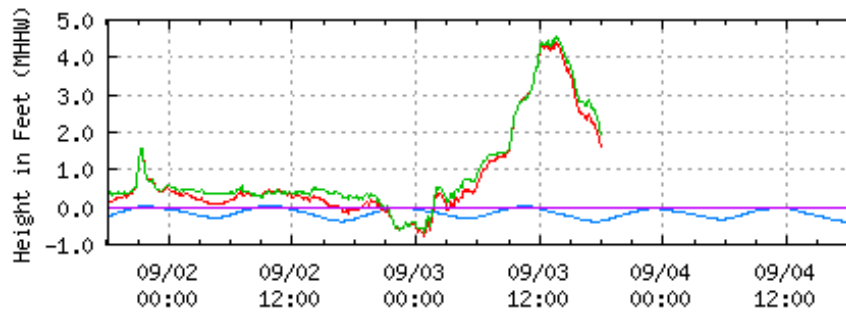
Next complete advisory at 1100 PM EDT.

Forecaster Brennan

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [USCG Station Hatteras - Water Level](#), [USCG Station Hatteras - Winds](#), [USCG Station Hatteras - Barometric](#), [Oregon Inlet Marina - Water Level](#), [Oregon Inlet Marina - Winds](#), [Oregon Inlet Marina - Barometric](#), [Duck - Water Level](#), [Duck - Winds](#), [Duck - Barometric](#), [Money Point - Water Level](#), [Money Point - Barometric](#), [Money Point - Winds](#), [Sewells Point - Water Level](#), [Sewells Point - Barometric](#), [Wachapreague - Water Level](#), [Wachapreague - Winds](#), [Wachapreague - Barometric](#), [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#), [Ocean City Inlet - Barometric](#), [Cape May - Water Level](#), [Cape May - Winds](#), [Atlantic City - Water Level](#), [Atlantic City - Barometric](#), [Sandy Hook - Water Level](#), [Sandy Hook - Winds](#), [Sandy Hook - Barometric](#)

NOAA/NOS/CO-OPS 8654467 USCG Station Hatteras, NC
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 09/03/2016 17:54 (EDT). Data relative to MHHW

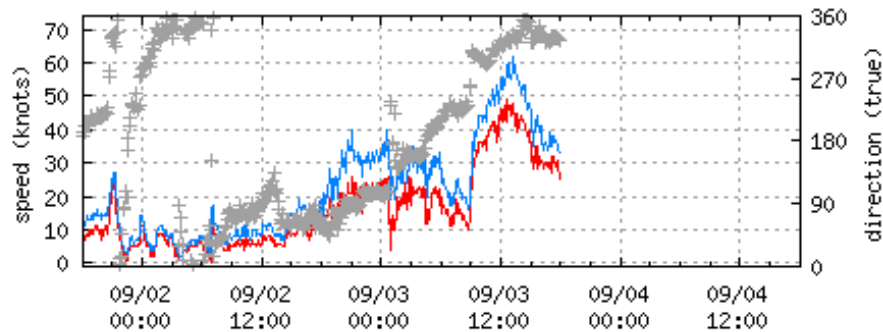
Observed: 1.60 ft. Predicted: -0.37 ft. Residual: 1.97 ft.

Historical Maximum Water Level: Oct 29 2012, 4.02 ft.

Next High Tide: 09/03/2016 23:11 (EDT), -0.04 ft.

NOAA/NOS/CO-OPS 8654467 USCG Station Hatteras, NC

Wind Speed / Gusts / Direction

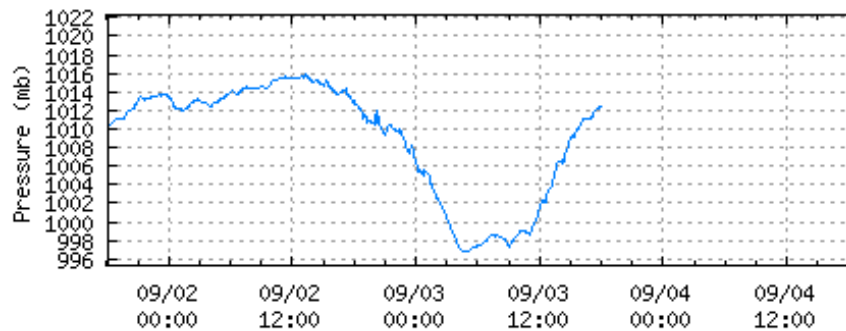


speed — gusts — direction +

Last Observed Sample: 09/03/2016 17:54 (EDT)

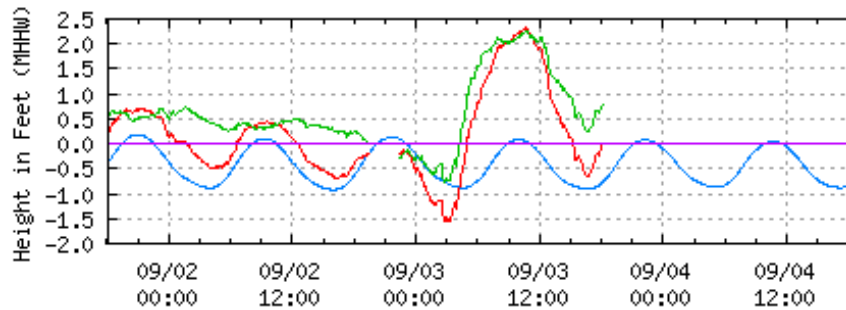
Wind Speed: 25 knots Gusts: 33 knots Direction: 326° T

NOAA/NOS/CO-OPS 8654467 USCG Station Hatteras, NC
Barometric Pressure



barometric pressure —
Last Observed Sample: 09/03/2016 17:54 (EDT)
Barometric Pressure: 1012.5 mb

NOAA/NOS/CO-OPS 8652587 Oregon Inlet Marina, NC
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

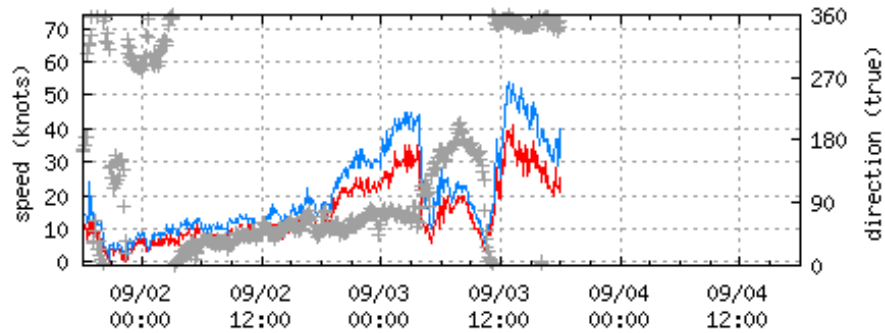


Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 09/03/2016 18:06 (EDT). Data relative to MHHW
Observed: -0.00 ft. Predicted: -0.77 ft. Residual: 0.77 ft.
Historical Maximum Water Level: Aug 28 2011, 6.32 ft.
Next High Tide: 09/03/2016 22:15 (EDT), 0.07 ft.

NOAA/NOS/CO-OPS 8652587 Oregon Inlet Marina, NC

Wind Speed / Gusts / Direction



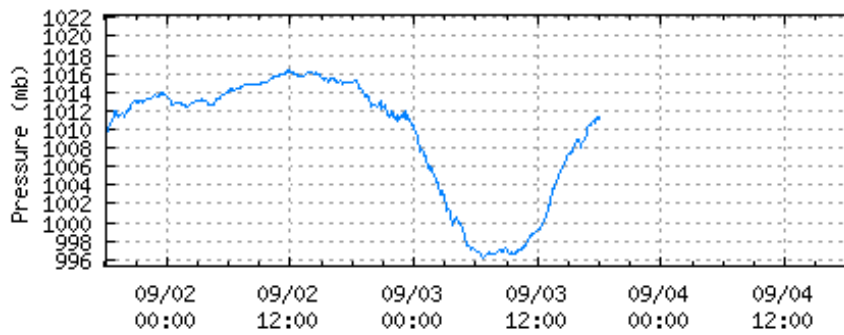
speed — gusts — direction +

Last Observed Sample: 09/03/2016 18:06 (EDT)

Wind Speed: 25 knots Gusts: 40 knots Direction: 351° T

NOAA/NOS/CO-OPS 8652587 Oregon Inlet Marina, NC

Barometric Pressure

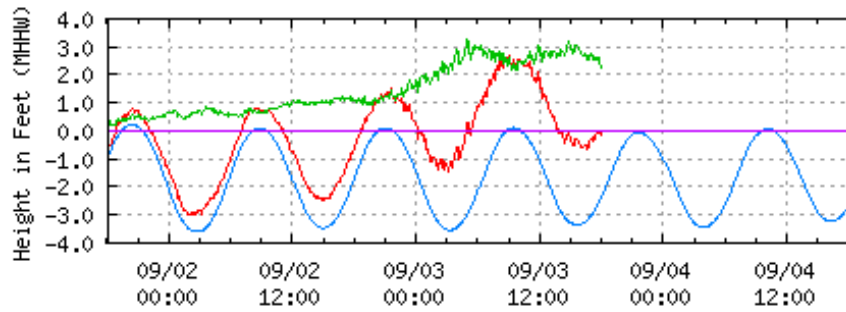


barometric pressure —

Last Observed Sample: 09/03/2016 18:06 (EDT)

Barometric Pressure: 1011.2 mb

NOAA/NOS/CO-OPS 8651370 Duck, NC
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

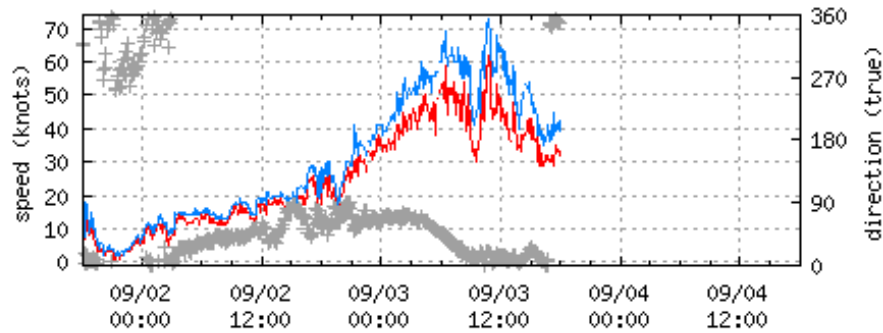
Last Observed Sample: 09/03/2016 18:00 (EDT). Data relative to MHHW

Observed: -0.07 ft. Predicted: -2.34 ft. Residual: 2.27 ft.

Historical Maximum Water Level: Sep 18 2003, 4.13 ft.

Next High Tide: 09/03/2016 21:36 (EDT), -0.05 ft.

NOAA/NOS/CO-OPS 8651370 Duck, NC
Wind Speed / Gusts / Direction

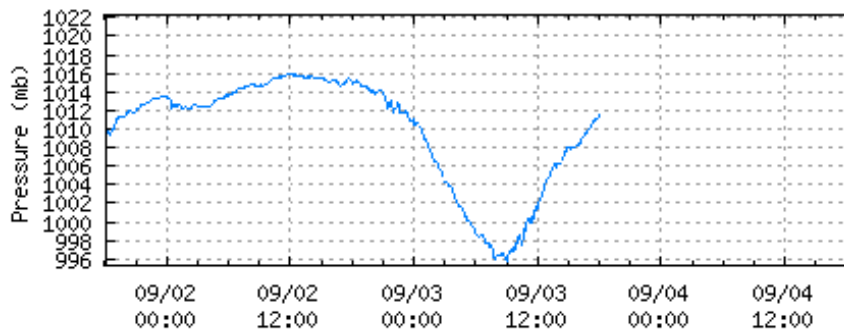


speed — gusts — direction +

Last Observed Sample: 09/03/2016 18:00 (EDT)

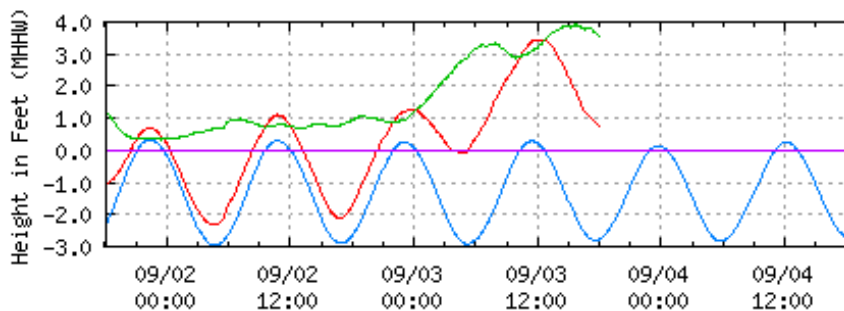
Wind Speed: 32 knots Gusts: 39 knots Direction: 349° T

NOAA/NOS/CO-OPS 8651370 Duck, NC
Barometric Pressure



barometric pressure —
Last Observed Sample: 09/03/2016 18:00 (EDT)
Barometric Pressure: 1011.5 mb

NOAA/NOS/CO-OPS 8639348 Money Point, VA
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

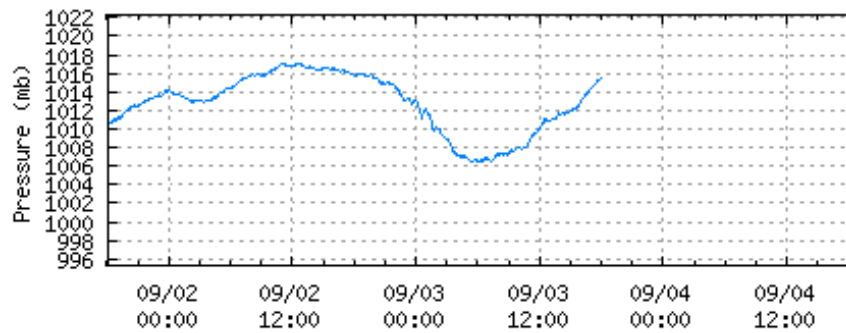
Last Observed Sample: 09/03/2016 18:00 (EDT). Data relative to MHHW

Observed: 0.76 ft. Predicted: -2.77 ft. Residual: 3.53 ft.

Historical Maximum Water Level: Nov 13 2009, 5.37 ft.

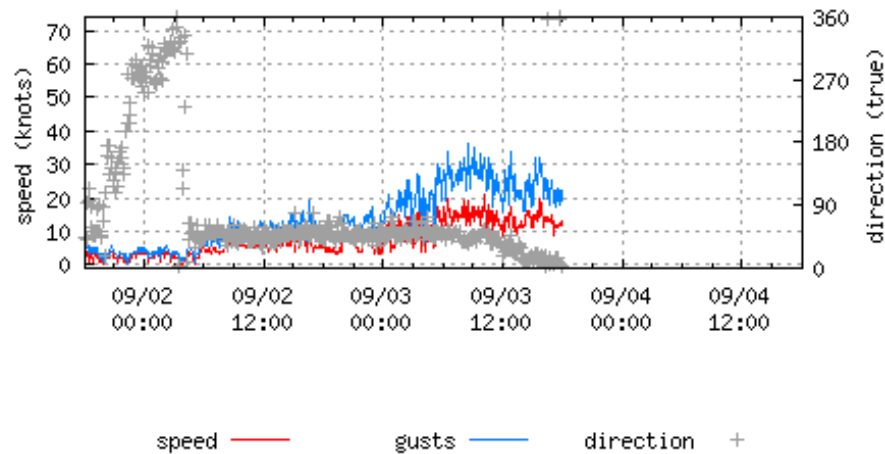
Next High Tide: 09/03/2016 23:41 (EDT), 0.14 ft.

NOAA/NOS/CO-OPS 8639348 Money Point, VA
Barometric Pressure



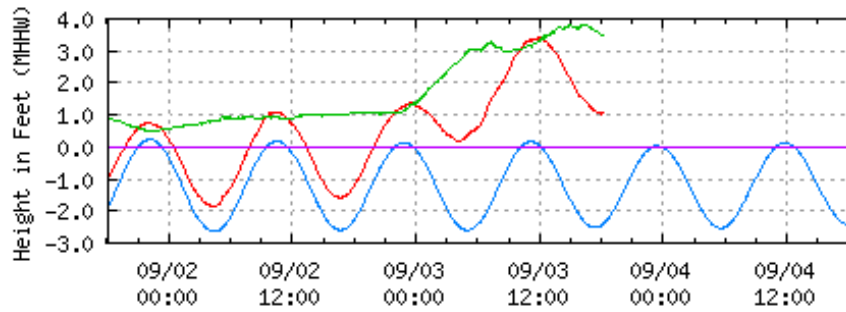
barometric pressure —
Last Observed Sample: 09/03/2016 18:00 (EDT)
Barometric Pressure: 1015.4 mb

NOAA/NOS/CO-OPS 8639348 Money Point, VA
Wind Speed / Gusts / Direction



Last Observed Sample: 09/03/2016 18:00 (EDT)
Wind Speed: 12 knots Gusts: 19 knots Direction: 2° T

NOAA/NOS/CO-OPS 8638610 Sewells Point, VA
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

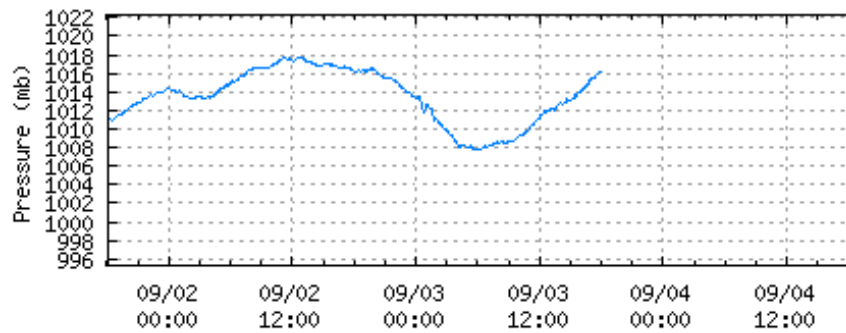
Last Observed Sample: 09/03/2016 18:06 (EDT). Data relative to MHHW

Observed: 1.04 ft. Predicted: -2.42 ft. Residual: 3.46 ft.

Historical Maximum Water Level: Aug 23 1933, 5.26 ft.

Next High Tide: 09/03/2016 23:26 (EDT), 0.03 ft.

NOAA/NOS/CO-OPS 8638610 Sewells Point, VA
Barometric Pressure

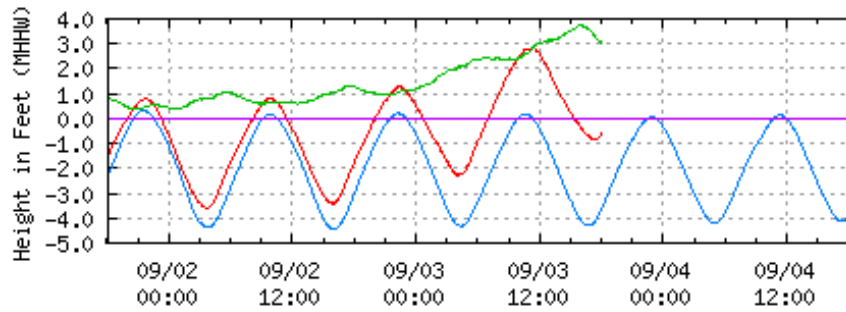


barometric pressure ———

Last Observed Sample: 09/03/2016 18:06 (EDT)

Barometric Pressure: 1016.2 mb

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

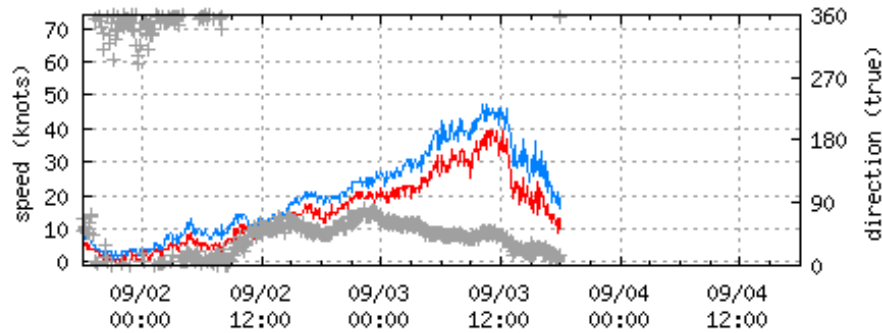
Last Observed Sample: 09/03/2016 18:00 (EDT). Data relative to MHHW

Observed: -0.59 ft. Predicted: -3.64 ft. Residual: 3.05 ft.

Historical Maximum Water Level: Feb 5 1998, 4.41 ft.

Next High Tide: 09/03/2016 22:54 (EDT), 0.06 ft.

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA
Wind Speed / Gusts / Direction

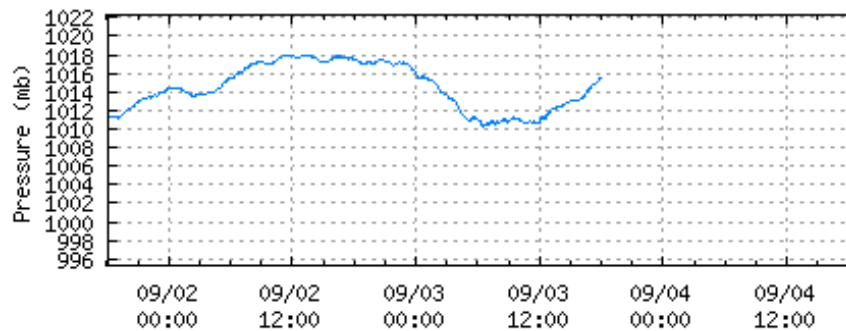


speed — gusts — direction +

Last Observed Sample: 09/03/2016 18:00 (EDT)

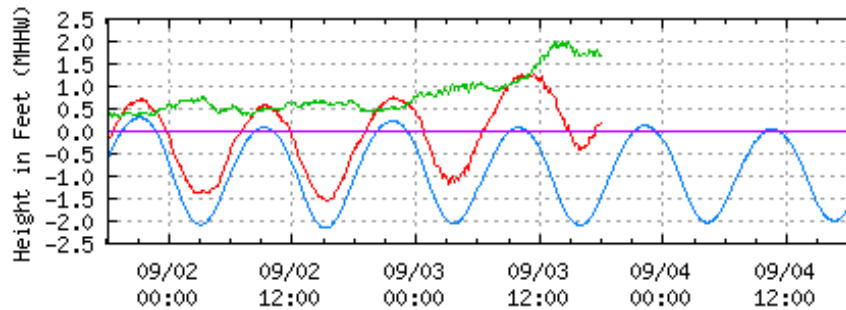
Wind Speed: 13 knots Gusts: 19 knots Direction: 357° T

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA
Barometric Pressure



barometric pressure —
Last Observed Sample: 09/03/2016 18:00 (EDT)
Barometric Pressure: 1015.6 mb

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 09/03/2016 18:00 (EDT). Data relative to MHHW

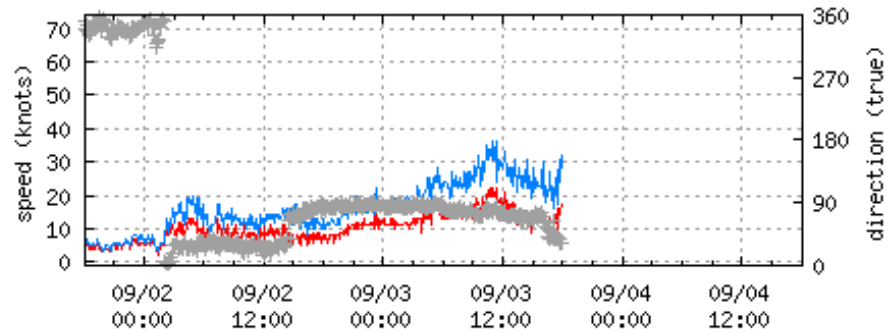
Observed: 0.23 ft. Predicted: -1.44 ft. Residual: 1.67 ft.

Historical Maximum Water Level: Feb 5 1998, 3.61 ft.

Next High Tide: 09/03/2016 22:12 (EDT), 0.12 ft.

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

Wind Speed / Gusts / Direction



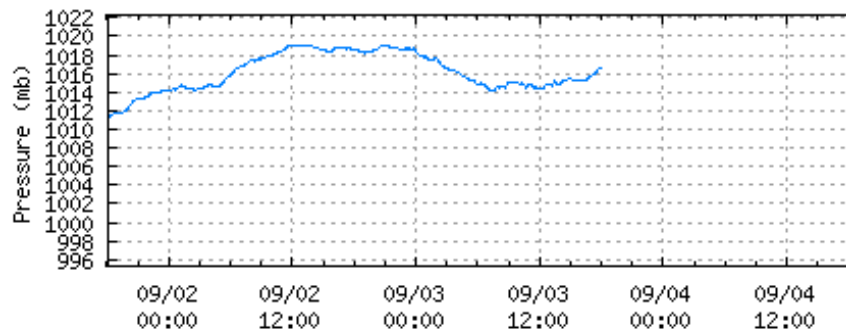
speed — gusts — direction +

Last Observed Sample: 09/03/2016 18:00 (EDT)

Wind Speed: 14 knots Gusts: 25 knots Direction: 34° T

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

Barometric Pressure

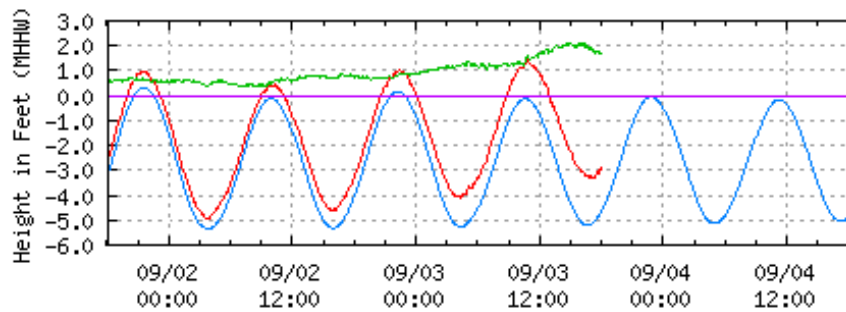


barometric pressure —

Last Observed Sample: 09/03/2016 18:00 (EDT)

Barometric Pressure: 1016.8 mb

NOAA/NOS/CO-OPS 8536110 Cape May, NJ
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

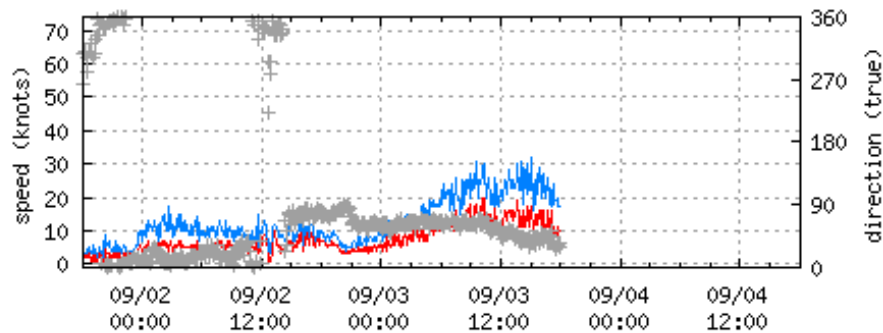
Last Observed Sample: 09/03/2016 18:06 (EDT). Data relative to MHHW

Observed: -2.87 ft. Predicted: -4.54 ft. Residual: 1.67 ft.

Historical Maximum Water Level: Oct 29 2012, 3.44 ft.

Next High Tide: 09/03/2016 22:49 (EDT), -0.04 ft.

NOAA/NOS/CO-OPS 8536110 Cape May, NJ
Wind Speed / Gusts / Direction

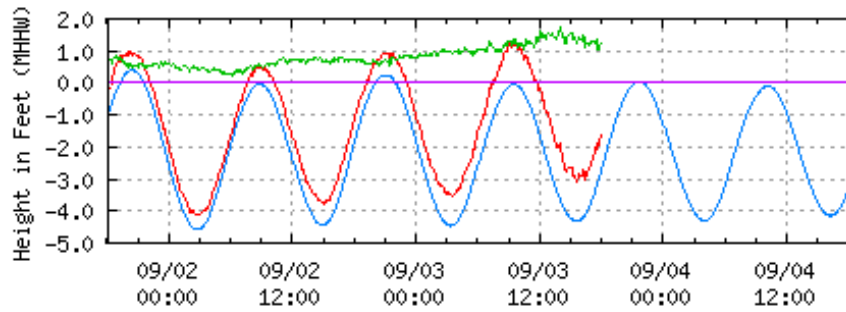


speed — gusts — direction +

Last Observed Sample: 09/03/2016 18:06 (EDT)

Wind Speed: 6 knots Gusts: 14 knots Direction: 31° T

NOAA/NOS/CO-OPS 8534720 Atlantic City, NJ
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

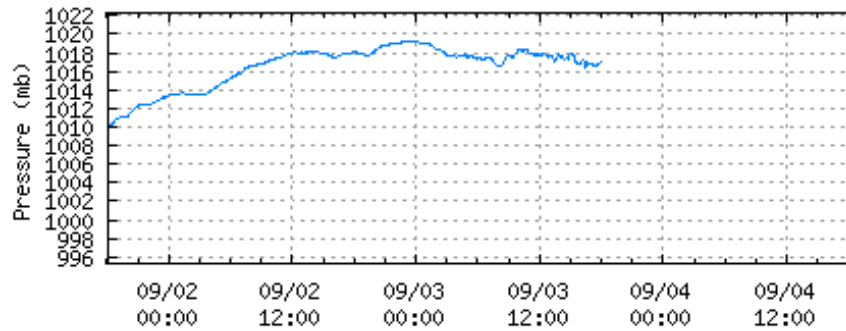
Last Observed Sample: 09/03/2016 18:00 (EDT). Data relative to MHHW

Observed: -1.55 ft. Predicted: -2.70 ft. Residual: 1.15 ft.

Historical Maximum Water Level: Dec 11 1992, 4.38 ft.

Next High Tide: 09/03/2016 21:40 (EDT), 0.05 ft.

NOAA/NOS/CO-OPS 8534720 Atlantic City, NJ
Barometric Pressure

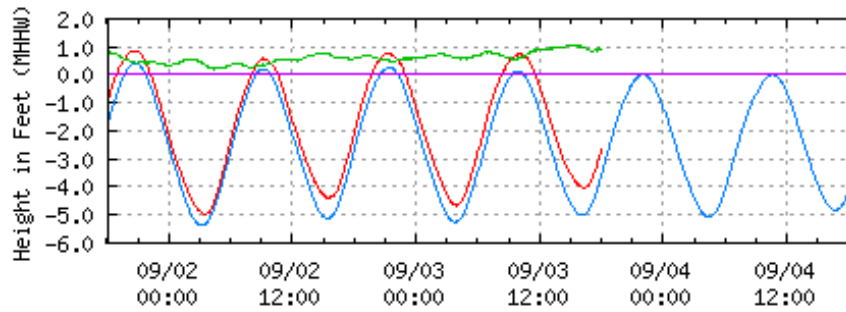


barometric pressure ———

Last Observed Sample: 09/03/2016 18:00 (EDT)

Barometric Pressure: 1017.0 mb

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

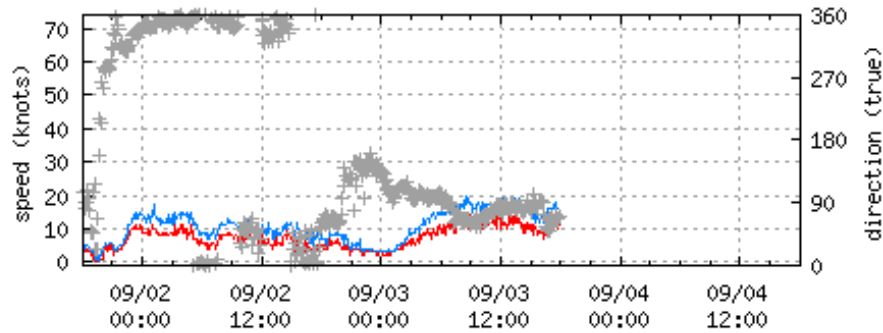
Last Observed Sample: 09/03/2016 18:00 (EDT). Data relative to MHHW

Observed: -2.64 ft. Predicted: -3.57 ft. Residual: 0.93 ft.

Historical Maximum Water Level: Sep 12 1960, 4.86 ft.

Next High Tide: 09/03/2016 22:03 (EDT), 0.02 ft.

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ
Wind Speed / Gusts / Direction

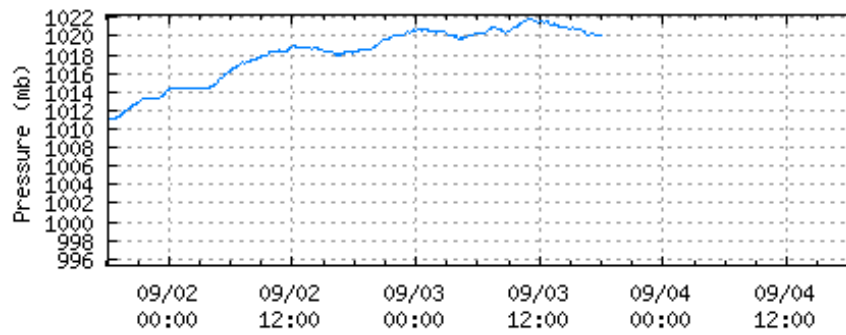


speed — gusts — direction +

Last Observed Sample: 09/03/2016 18:00 (EDT)

Wind Speed: 11 knots Gusts: 15 knots Direction: 71° T

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ
Barometric Pressure



barometric pressure —

Last Observed Sample: 09/03/2016 18:00 (EDT)

Barometric Pressure: 1020.2 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8654467	USCG Station Hatteras, NC	09/03/2016 17:54 (EDT)	1.60 ft	-0.37 ft	1.97 ft	4.38 ft
8652587	Oregon Inlet Marina, NC	09/03/2016 18:06 (EDT)	-0.00 ft	-0.77 ft	0.77 ft	2.32 ft
8651370	Duck, NC	09/03/2016 18:00 (EDT)	-0.07 ft	-2.34 ft	2.27 ft	2.68 ft
8639348	Money Point, VA	09/03/2016 18:00 (EDT)	0.76 ft	-2.77 ft	3.53 ft	3.45 ft
8638610	Sewells Point, VA	09/03/2016 18:06 (EDT)	1.04 ft	-2.42 ft	3.46 ft	3.40 ft
8631044	Wachapreague, VA	09/03/2016 18:00 (EDT)	-0.59 ft	-3.64 ft	3.05 ft	2.83 ft
8570283	Ocean City Inlet, MD	09/03/2016 18:00 (EDT)	0.23 ft	-1.44 ft	1.67 ft	1.27 ft
8536110	Cape May, NJ	09/03/2016 18:06 (EDT)	-2.87 ft	-4.54 ft	1.67 ft	1.44 ft
8534720	Atlantic City, NJ	09/03/2016 18:00 (EDT)	-1.55 ft	-2.70 ft	1.15 ft	1.34 ft
8531680	Sandy Hook, NJ	09/03/2016 18:00 (EDT)	-2.64 ft	-3.57 ft	0.93 ft	0.76 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce